AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently amended) A method of instrumenting Java components installed on an application server in order to enable the Java components to be monitored, the method comprising:

adding a patch to a class loader class of a Java virtual machine installed on the application server, wherein the patch causes the class loader class to pass Java components to an instrumentation component when said Java components are loaded by the Java virtual machine;

receiving, from a patched version of said class loader class, code of a Java component to be loaded by the Java virtual machine; and

with the instrumentation component, instrumenting said code of the Java component to add functionality for tracking execution times;

wherein instrumenting said code comprises adding functionality for detecting when the Java component is invoked by a colored transaction request, the colored transaction request denoting that the colored transaction request is generated by an agent rather than generated by a real user so overhead associated with tracking the execution times is not incurred with respect to transactions generated by real users.

2. (Original) The method of claim 1, wherein instrumenting said code comprises adding calls to each of a plurality of methods of the Java component, to thereby provide functionality for monitoring execution times of said methods.

3. (Canceled).

4. (Original) The method of claim 1, wherein instrumenting said code comprises adding functionality for reporting transaction identifiers of transactions

that invoke the Java component, to thereby allow said execution times to be associated with transactions to which they correspond.

5. (Previously presented) The method of claim 1, further comprising:
generating a breakdown report including at least one of the group consisting of:
the average amount of time that a transaction was processed by servlets.

6. (Previously presented) The method of claim 1, further comprising:
generating a breakdown report including the average amount of time that the transaction was processed by session enterprise java beans (EJBs).

7. (Previously presented) The method of claim 1, further comprising:
generating a breakdown report including the average amount of time that the transaction was processed by Entity EJBs.

8. (Previously presented) The method of claim 1, further comprising:
generating a breakdown report including the average amount of time that passes from the moment the application server sends an Sal query to a database server until the database server returns a response to the application server.

9. (Previously presented) The method of claim 1, further comprising:
generating a breakdown report including the average amount of time that passes from the moment the application server receives a transaction request until the request is allocated a thread.

10. (Previously presented) The method of claim 1, further comprising:
generating a breakdown report including the average amount of time that passes from the moment the transaction request is allocated a thread until the request is handed off to a servlet.

11. (Previously presented) The method of claim 1, further comprising:
providing a filter option to allow a user to limit a view of a breakdown report of data reported by a specific instrumentation component.

12. (Previously presented) The method of claim 1, further comprising:
providing a filter option to allow a user to view a breakdown report of time spent by specific methods used in a transaction.

13. (Previously presented) The method of claim 1, further comprising:
monitoring the amount of time a transaction takes to complete.

14. (Previously presented) The method of claim 1, further comprising:
monitoring server response times.

15. (Previously presented) The method of claim 1, further comprising:
monitoring load times for specific page components.

16. (Previously presented) The method of claim 1, further comprising:
implementing a plurality of agents in different user locations to monitor response times and other performance parameters as seen by end users of a web site in such locations.

17. (Previously presented) The method of claim 1, further comprising:
implementing a plurality of agents to monitor a web site and report respective performance parameter measurements for storage in a central database; and

allowing the measurements to be accessed and viewed in aggregate form and detailed form via interactive reports.

18. (Previously presented) The method of claim 1, further comprising:

tracking execution of a particular transaction through application components invoked by the transaction; and

allowing the measurements to be accessed and viewed in aggregate form and detailed form via interactive reports.